

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 7, line 4, with the following rewritten paragraph:

According to Claim 7 of the present invention, there is provided a semiconductor integrated circuit device having a second storage means in a semiconductor integrated circuit, in which a program that makes an arithmetic processing unit in the semiconductor integrated circuit perform an operation of processing contents is rewritably stored, and performing rewriting of the program stored in the second storage means using a first storage means in which a rewrite program for rewriting is stored, which rewrite program makes the arithmetic processing unit perform an operation of processing the contents; and the semiconductor integrated circuit device includes, in the semiconductor integrated circuit, a transfer monitor means for ~~monitoring the rewrite program~~ monitoring transfer errors of the rewrite program to be transferred from the first storage means to the second storage means.

Please replace the paragraph at page 14, line 16, with the following rewritten paragraph:

According to Claim 19 of the present invention, there is provided a data storage verification device comprising: ~~means for storing arbitrary data in an area which is accessible from the outside~~ means for storing arbitrary data in a storage means having an area which is accessible from the outside; means for outputting the arbitrary data to the outside, and judging whether the arbitrary data is correctly stored or not; and ~~means for storing secret data in an area which is inaccessible from the outside~~ means for storing secret data in a storage means having an area which is inaccessible from the outside, when it is judged that the arbitrary data is correctly stored.

Please delete the paragraph at page 15, line 4:

~~According to Claim 20 of the present invention, there is provided a data storage verification device comprising: means for storing secret data in an area which is inaccessible from the outside; and means for outputting a specific portion of the secret data to the outside.~~

Please delete the paragraph at page 15, line 9:

~~Thereby, it is possible to check whether the secret data is correctly downloaded or not while maintaining the confidentiality of the secret data, by reading only a specific portion of the secret data stored in the externally inaccessible area, and verifying the specific portion.~~

Please delete the paragraph at page 15, line 14:

~~According to Claim 21 of the present invention, there is provided a data storage verification device comprising: means for storing secret data including a program in an area which is inaccessible from the outside; and means for executing the stored program, and outputting the result to the outside.~~

Please delete the paragraph at page 15, line 19:

~~Thereby, it is possible to check whether the secret data is correctly downloaded or not while maintaining the confidentiality of the secret data, by executing the program included in the secret data stored in the externally inaccessible area, and outputting the execution result to the outside to verify the same.~~

Please replace the paragraph at page 15, line 24, with the following rewritten paragraph:

According to Claim 22 of the present invention, there is provided a data storage verification device comprising: first means for storing secret data including an inspection program and a secret program into an area which is inaccessible from the outside means for storing secret data including an inspection program and a secret program into a storage means having an area which is inaccessible from the outside; second means for executing the inspection program, and outputting the result to the outside; and third means for executing the secret program after completion of the second means.

Please replace the paragraph at page 16, line 12, with the following rewritten paragraph:

According to Claim 23 of the present invention, there is provided a data storage verification device comprising: ~~means for storing secret data in an area which is inaccessible from the outside~~ means for storing secret data in a storage means having an area which is inaccessible from the outside; means for performing a predetermined arithmetic operation using the secret data, simultaneously with the storage; and means for outputting the result of the arithmetic operation to the outside.

Please replace the paragraph at page 16, line 25, with the following rewritten paragraph:

According to Claim 24 of the present invention, there is provided a data storage verification device comprising: ~~fourth means for storing secret data in a first area which is inaccessible from the outside~~ fourth means for storing secret data in a storage means having a first area which is inaccessible from the outside; fifth means for storing an inspection program which is a part of the secret data and is stored in the first area, into a ~~second area~~ storage means having a second area; and sixth means for executing the inspection program stored in the second area to verify correctness of the secret data stored in the first area.

Please replace the paragraph at page 18, line 18, with the following rewritten paragraph:

According to Claim 28 of the present invention, there is provided a data storage verification device comprising: means for decrypting secret data; ~~means for storing the decrypted data in an area which is inaccessible from the outside~~ means for storing the decrypted data in a storage means having an area which is inaccessible from the outside; means for encrypting the stored data; and means for comparing the encrypted data with the secret data to judge whether the stored data is correctly stored or not.

Please delete the paragraph at page 19, line 6:

~~According to Claim 29 of the present invention, there is provided a data storage verification device comprising: 21st means for storing secret program in an area which is inaccessible from the outside; 22nd means for reading the stored program; 23rd means for judging correctness of the read program for each command unit; 24th means for again storing a correct command in an empty area in the area that is inaccessible from the outside, when it is judged that the read program is incorrect; 25th means for storing a command for making a command next to the again-stored command jump to an address next to the address that is judged as incorrect; and 26th means for storing, in the area that is judged as incorrect, a command for making a jump to the address of the again-stored command.~~

Please delete the paragraph at page 19, line 19:

~~Thereby, the secret program is stored in the externally inaccessible area, and correctness of the stored program is judged for each reading command unit. As for a command that is judged as incorrect, control is jumped to a correct command that is stored in an empty area in the externally inaccessible area. Therefore, even when a command that is not correctly stored is included in part of the secret program when the secret program is stored, the incorrect command can be replaced with a correct command stored in an empty area to execute the correct command.~~

Please replace the paragraph at page 20, line 3, with the following rewritten paragraph:

According to Claim 30 of the present invention, there is provided a data storage verification method comprising: step of storing arbitrary data in an area which is accessible from the outside step of storing arbitrary data in a storage means having an area which is accessible from the outside; step of outputting the arbitrary data to the outside, and judging whether the arbitrary data is correctly stored or not; and step of storing secret data in an area which is inaccessible from the outside step of storing secret data in a storage means having an area which is inaccessible from the outside, when it is judged that the arbitrary data is correctly stored.

Please delete the paragraph at page 20, line 16:

~~According to Claim 31 of the present invention, there is provided a data storage verification method comprising: step of storing secret data in an area which is inaccessible from the outside; and step of outputting a specific portion of the secret data to the outside.~~

Please delete the paragraph at page 20, line 21:

~~Thereby, it is possible to check whether the secret data is correctly downloaded or not while maintaining the confidentiality of the secret data, by reading only a specific portion of the secret data stored in the externally inaccessible area, and verifying the specific portion.~~

Please delete the paragraph at page 21, line 1:

~~According to Claim 32 of the present invention, there is provided a data storage verification method comprising: step of storing secret data including a program in an area which is inaccessible from the outside; and step of executing the stored program, and outputting the result to the outside.~~

Please delete the paragraph at page 21, line 6:

~~Thereby, it is possible to check whether the secret data is correctly downloaded or not while maintaining the confidentiality of the secret data, by executing the program included in the secret data stored in the externally inaccessible area, and outputting the execution result to the outside to verify the same.~~

Please replace the paragraph at page 21, line 11, with the following rewritten paragraph:

According to Claim 33 of the present invention, there is provided a data storage verification method comprising: ~~first step of storing secret data including an inspection program and a secret program into an area which is inaccessible from the outside~~ first step of storing secret data including an inspection program and a secret program into a storage means having an area which is inaccessible from the outside; second step of executing the inspection program, and outputting the

result to the outside; and third step of executing the secret program after completion of the second step.

Please replace the paragraph at page 21, line 23, with the following rewritten paragraph:

According to Claim 34 of the present invention, there is provided a data storage verification method comprising: ~~step of storing secret data in an area which is inaccessible from the outside~~ step of storing secret data in a storage means having an area which is inaccessible from the outside; step of performing a predetermined arithmetic operation using the secret data, simultaneously with the storage; and step of outputting the result of the arithmetic operation to the outside.

Please replace the paragraph at page 22, line 11, with the following rewritten paragraph:

According to Claim 35 of the present invention, there is provided a data storage verification method comprising: ~~fourth step of storing secret data in a first area which is inaccessible from the outside~~ fourth step of storing secret data in a storage means having a first area which is inaccessible from the outside; fifth step of storing an inspection program which is a part of the secret data and is stored in the first area, into a ~~second area~~ storage means having a second area; and sixth step of executing the inspection program stored in the second area to verify correctness of the secret data stored in the first area.

Please replace the paragraph at page 24, line 4, with the following rewritten paragraph:

According to Claim 39 of the present invention, a data storage verification method comprising: step of decrypting secret data; ~~step of storing the decrypted data in an area which is inaccessible from the outside~~ step of storing the decrypted data in a storage means having an area which is inaccessible from the outside; step of encrypting the stored data; and step of comparing the encrypted data with the secret data to judge whether the stored data is correctly stored or not.

Please delete the paragraph at page 24, line 16:

~~According to Claim 40 of the present invention, there is provided a data storage verification method comprising: step of storing secret program in an area which is inaccessible from the outside; step of reading the stored program; step of judging correctness of the read program for each command unit; step of again storing a correct command in an empty area in the area that is inaccessible from the outside, when it is judged that the read program is incorrect; step of storing a command for making a command next to the again-stored command jump to an address next to the address that is judged as incorrect; and step of storing, in the area that is judged as incorrect, a command for making a jump to the address of the again-stored command.~~

Please delete the paragraph at page 25, line 3:

~~Thereby, the secret program is stored in the externally inaccessible area, and correctness of the stored program is judged for each reading command unit. As for a command that is judged as incorrect, control is jumped to a correct command that is stored in an empty area in the externally inaccessible area. Therefore, even when a command that is not correctly stored is included in part of the secret program when the secret program is stored, the incorrect command can be replaced with a correct command stored in an empty area to execute the correct command.~~